

**Notice of Allowability**

Application No.

09/498,944

Examiner

NANCY LE

Applicant(s)

WARNOCK ET AL.

Art Unit

3621

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 24 April 2012.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on \_\_\_\_; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are 1-3,15,17-21,55-75 and 78-86.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date See Continuation Sheet
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 17 May 2012.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_.

/JAMES KRAMER/  
Supervisory Patent Examiner, Art Unit 3621

Continuation of Attachment(s) 3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date: 25 October 2004, 27 June 2006, 20 November 2007..

### **Status of Claims**

1. Claims 1-3, 15, 17-21, 55-75 and 78-86 remain pending and are allowed.
2. Claims 4-14, 16, 22-54, 76 and 77 are cancelled.

### **Examiner's Amendments**

1. An Examiner's Amendments to the record appears below. Should the changes and/or additions be unacceptable to applicants, an amendment may be filed as provided by 37 C.F.R. § 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this Examiner's amendment was given in a telephonic interview with Michael Glenn (USPTO Registration No. 30,176) on or about 22 May 2012.
3. The claims have been amended as follows:
  1. (Currently Amended) A computer-implemented method for user access to document content using a logic client device comprising:  
  
delivering, by a document server, to a user of said client logic device, ~~via a document server~~, a first user viewable version of the actual contents of a specific document residing at said document server on a first cost basis[.];  
  
protecting, by a security server, said first user-viewable version ~~being protected by a security server~~ to prevent the user from performing a standard operation on said version, said standard operation consisting of any of copying, printing, or saving;

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calculating, by a transaction server, ~~with said document server~~ a charge to permit the user to perform a requested standard operation on a user-selected portion of said specific document on a second cost basis; and

delivering, by said document server, to said user, ~~via said document server,~~ a second version of the actual contents of said specific document residing at said document server comprising said user-selected portion of said specific document, wherein a user requested standard operation is completed in coordination with said document server upon payment of the calculated charge.

2. (Previously Presented) The method according to Claim 1 wherein calculating the charge further comprises:

calculating the charge on the basis of the granularity of the user-selected portion including whole and partial pages.

3. (Previously Presented) The method according to Claim 1 wherein calculating the charge further comprises:

calculating the charge based in part on the standard operation requested.

4. - 14. (Canceled)

15. (Previously Presented) The method according to Claim 1 wherein calculating the charge further comprises:

calculating said charge in part on a network address from which said user accesses said server.

16. (Canceled)

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17. (Previously Presented) The method according to Claim 1 further comprising:  
presenting the calculated cost to the user; and

receiving user authorization for payment of the calculated charge.

18. (Previously Presented) The method according to Claim 17 further comprising:  
checking a user's default options and providing authorization according to said  
default options.

19. (Previously Presented) The method according to Claim 1 further comprising:  
determining whether a user wants multiple copies of said document; and calculating a  
charge for said multiple copies of said document.

20. (Previously Presented) The method according to Claim 19 wherein  
completing the requested standard operation further comprises:

providing a certificate allowing authorized reproduction of a number of copies.

21. (Previously Presented) The method according to Claim 1 wherein user-  
selected portion may include an anthology from multiple documents.

22. - 54. (Canceled)

55. (Previously Presented) The invention of Claim 1, wherein delivering the first  
user-viewable version further comprises:

delivering document contents to the user in an encrypted format.

56. (Previously Presented) The invention of Claim 55, further comprising:  
using client-side software for permitting the user to view the encrypted format of  
the first version.

57. (Previously Presented) The invention of Claim 1, wherein delivering the first user viewable version further comprises:

delivering document content at a resolution sufficient for viewing but not for satisfactory completion of the requested standard operation.

58. (Previously Presented) The invention of Claim 57 wherein delivering the second version further comprises:

delivering document content in a higher resolution on which satisfactory completion of the requested standard operation may be performed.

59. (Previously Presented) The invention of Claim 57 wherein delivering the second version further comprises:

delivering document content in a form not directly accessible by the user.

60. (Previously Presented) The invention of Claim 1, wherein delivering the first version further comprises:

delivering document content in a form viewable by the user only upon authorization from a third party.

61. (Previously Presented) The invention of Claim 60 wherein delivering document content in a form viewable by the user only upon authorization from a third party further comprises:

delivering authorization for viewing by the user only as the document content is being delivered from the server.

62. (Previously Presented) The method according to Claim 60 wherein delivering the first user-viewable version further comprises:

delivering a full-text searchable version of said document content, and displaying documents opened for browsing to portions containing search terms which are highlighted.

63. (Previously Presented) The invention of Claim 60 wherein delivering the first user-viewable version further comprises:

delivering images of a page of the document content one at a time to the user for viewing.

64. (Previously Presented) The invention of Claim 61, wherein delivering the second version further comprises:

delivering the entire user selected document content to the user at one time.

65. (Previously Presented) The method of Claim 1 wherein delivering the second version further comprises:

delivering text in a first structure and graphics in a different structure.

66. (Previously Presented) The method of Claim 65 wherein calculating the charge further comprises:

calculating the charge on the bases of the user-selected portion including text and on the basis of the user selected portion including graphics.

67. (Currently Amended) A computer-implemented method for purchasing information from a server, comprising:

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delivering, by a document server, to a user of said client logic device user-requested pages of a specific document ~~from a document server~~ in a first user-viewable version;

protecting, by a security server, said first user-viewable version ~~comprising a form protected by a security server to a user of a client logic device~~ to permit said user viewing the actual contents of said pages of said specific document and selecting by said user, but not printing, copying, or saving by the user;

calculating, by a transaction server, a charge ~~with said document server~~ to permit a requested standard operation to be performed on a user-selected portion of said specific document; and

delivering, by said document server, to said user ~~via said document server~~ a second version of the actual contents of said specific document, said second version consisting of the user-selected portion of said specific document, said delivering step being performed in coordination with said security server upon authorization of payment of the calculated charge, said second version comprising a version on which the standard operation is performed.

68. (Previously Presented) The method according to Claim 67 wherein calculating the charge further comprises:

calculating the charge on the basis of the number of full and partial pages in the user-selected portion.



69. (Previously Presented) The method according to Claim 67 wherein calculating the charge further comprises:

calculating the charge on the basis of the type of standard operation to be performed.

70. (Previously Presented) The method of Claim 67, wherein delivering the user-requested pages of said specific document further comprises:

serving low resolution images of full pages of information.

71. (Previously Presented) The method of Claim 70, wherein delivering the user-selected portion further comprises:

delivering text within the user-selected portion of the low resolution images in the form of text on which the standard operation may be performed.

72. (Previously Presented) The method of Claim 70 wherein delivering the user-selected portion further comprises:

delivering images within the user-selected portion of the low resolution images in the form of high resolution images on which the standard operation may be performed upon authorization of the charges.

73. (Previously Presented) The method of Claim 67, further comprising:

encrypting the user-requested pages of said specific document before delivering them to the user; and

requiring authorization from a third party before permitting viewing and selecting of user-requested pages by the user.

74. (Previously Presented) The method of Claim 73 further comprising:

encrypting the user-selected portion before delivering the user-selected portion to the user; and

requiring authorization from the third party before the standard operation may be performed.

75. (Previously Presented) The method of Claim 70 wherein delivering the user-selected portion further comprises:

delivering images within the user-selected portion of the low resolution images in the form of high resolution images on which the standard operation may be performed upon authorization of the charges.

76. (Canceled)

77. (Canceled)

78. (Previously Presented) The method of Claim 67, wherein delivering the user-requested pages further comprises:

delivering the user-requested pages of said specific document in a low resolution format sufficient for permitting viewing and selecting by a user but not sufficient for acceptable printing, copying, or saving by the user.

79. (Previously Presented) The method of Claim 78 wherein delivering the user-selected portion further comprises:

delivering the user-requested portion in a high resolution format sufficient for acceptable printing, copying and/or saving by the user.

80. (Previously Presented) The method of Claim 67, wherein delivering user-requested pages of said specific document further comprises:

delivering user-requested text in the form of low resolution images of pages of text suitable for viewing and selecting.

81. (Previously Presented) The method of Claim 80, wherein delivering the user-selected portion further comprises:

delivering user-selected text suitable for performing the standard operation is performed.

82. (Previously Presented) The method Claim 67, wherein delivering user-requested pages of said specific document further comprises:

delivering user-requested page images in the form of low resolution images suitable for viewing and selecting.

83. (Previously Presented) The method of Claim 80, wherein delivering the user-selected portion further comprises:

delivering user-selected images in the form of high resolution images suitable for performing the standard operation.

84. (Previously Presented) The method of Claim 67, wherein delivering user-requested pages of said specific document further comprises:

delivering user-requested text and images in the form of low resolution images of pages of text and images suitable for viewing and selecting.

85. (Previously Presented) The method of Claim 84, wherein delivering the user-selected portion further comprises:

delivering the user-selected text in the form of text suitable for said standard operation; and

delivering images in the form of high resolution images suitable for performing the standard operation.

86. (Previously Presented) The method according to Claim 1, wherein any and all versions of said specific document delivered to said user are delivered by said document server.

### **Reasons for Allowance**

4. The following is the Examiner's statement of reasons for allowance.
5. Regarding the claimed terms, the Examiner notes that a "general term must be understood in the context in which the inventor presents it." *In re Glaug* 283 F.3d 1335, 1340, 62 USPQ2d 1151, 1154 (Fed. Cir. 2002). Therefore the Examiner must interpret the claimed terms as found on pages 1-23 of the specification. Clearly almost all the general terms in the claims may have multiple meanings. So where a claim term "is susceptible to various meanings, . . . the inventor's lexicography must prevail . . . ." *Id.* Using these definitions for the claims, the claimed invention was not reasonably found in the prior art.
6. The latest cited prior art references of Berstis et al. (U.S. Patent No. 6,282,653) ("Berstis") and Satoh et. al. (U.S. 6,327,600) ("Satoh") teach as previously discussed.
7. Berstis and Satoh, taken individually or in combination thereof, fails to teach at least two or more versions of the actual contents of a document residing at the document server, the second version comprising a user-selected portion of the document for which the user has requested and paid for a standard operation, wherein the standard operation consisting of any of copying, printing or saving. Thus, in the claimed invention a separate version exists for each set

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of rights sought and that separate version is only transferred from the document server under control of the security server.

8. Moreover, the missing claimed elements from Berstis and Satoh are not found in a reasonable number of reference(s). Yet even if the missing claimed elements were found in a reasonable number of references, a person of ordinary skill in the art at the time the invention was made would have *not* been motivated to include these missing elements in an embodiment in the Berstis and Satoh disclosures because the combination of references would not have yielded the same invention as of the Applicants.

### **Conclusion**

9. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “***Comments on Statement of Reasons for Allowance.***”

10. Any inquiry of a general nature or relating to the status of this application or concerning this communication or earlier communications from the examiner should be directed to NANCY LE whose telephone number is (571) 272-7066. The examiner can normally be reached on Monday - Friday, 9 am - 6:00 pm Eastern Standard Time.

11. If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, JAMES KRAMER can be reached on (571) 272-6783.

12. For official communication, the fax number for the organization where this application or proceeding is assigned is 571-273-8300.

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13. For unofficial/draft communication, the personal fax number is 571-273-7066.
14. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, please visit **<http://pair-direct.uspto.gov>**. Should you have questions on access to the Private PAIR system, please contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nancy Le  
Examiner, Art Unit 3621

/JAMES KRAMER/

Supervisory Patent Examiner, Art Unit 3621